- Initial - Deliverability Test

FORM C-122-A
EL PASO 11-1-62

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool Basin Formation Dakota County Rio Arriba

Well Name San Juan 29-6 Unit No. 87 75-147

Unit H S 33 T 29 R 6 Pay Zone 7628 To 7732 Flow String Tubing

Casing O D 4.500 I D 4.000 Set at 7813 Tubing O D 2.375 I D 1.995 L 7707 Top Perf.

Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c	Comm. Designated P_c, psia	Period Of Test Flow		SIP Measured
50		From 8-06-65	To 8-14-65	5-13-65

Deadweight Flowing Pressure, psia — Flowing Pressure, psia

Casing _____(a) Tubing _____(b) Meter _____(c) Chart _____(d)

Deadweight Shut-In Pressures, psia — Meter Error — Friction Loss

Casing 2555 (J) Tubing 2703 (k) _____(e) _____(f)

7 Day-Avg. Flowing Pres., psia

Chart 483 (g) Corrected 483 (h) P_f 483 (i) Gravity .579

G. L. = 4462 $1-e^{-s}$ = .277 Fc 9.402 $(F_cQ)^2$ 44.556

$(1-e^{-s})(F_cQ)^2 = R^2$ = 12342 P_f^2 = 233289 P_w^2 = 245631

$$Q = \frac{710}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 710$$

$$D = Q \quad 710 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{5478305}{7060578}\right]^n = \frac{(.7759)^n}{.8268} = 587$$

REMARKS

RECEIVED
JAN 3 1966
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 2703

Q = 710

P_w = 496

P_d = 1352

D = 587

Company EL PASO NATURAL GAS COMPANY

By H. L. Kendrick

Title H. L. KENDRICK
SENIOR GAS ENGINEER

Witnessed By _____

Company _____